

O I P E J C
JAN 10 2003
PATENT & TRADEMARK OFFICE

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 2 of 2

ATTORNEY DOCKET NO.	SERIAL NO.
3174-000012	09/851,865
APPLICANT	
Crapo et al.	
FILING DATE	GROUP
May 9, 2001	2834

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	Translation No
2.	RC	JP60013455	23-01-85	Japan	—	X	
3.	RC	JP63140645	13-06-88	Japan	—	X	
4.	RC	EP0392028	✓ 17-10-90	Europe	—	X	
5.	RC	EP0483372A1	✓ 06-05-92	Europe	—	X	
6.	RC	EP300042	✓ 25-01-89	Europe	—	X	
7.	RC	JP61199447	✓ 03-09-86	Japan	—	X	
8.	RC	EP0449538A1	✓ 02-10-91	Europe	—	X	
9.	RC	EP0564759A1	✓ 13-10-93	Europe	—	X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	RC	Ackermann/Janssen/Sottek/van Steen, "XP-002209198 New technique for reducing cogging torque in a class of brushless DC motors", IEEE Proceeding-B, Vol. 139, No. 4 July 1992, pp. 315-320.
2.	RC	Chen/Bruehl, "XP-000833296 The Robust Design Approach For Reducing Cogging Torque In Permanent Magnet Motors", IEEE Transactions on Magnetics, Vol. 34, No. 4, July 1998, pp. 2135-2137.
3.	RC	Zhu/Howe, "XP-002206342 Influence of Design Parameters on Cogging Torque in Permanent Magnet Machines", IEEE Transactions on Energy Conversion, Vol. 15, No. 4, December 2000, pp. 407-412.

RECEIVED
JAN 14 2003
TECHNOLOGY CENTER 2800

Examiner: *Blumenau* Date Considered: *2-7-03*

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



#6
1-21-03
21

TRADE FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 2

FORM HDP-1449 (Based on Form PTO-1449)		ATTORNEY DOCKET NO.	SERIAL NO.
		3174-000012	09/851,865
		APPLICANT	
		Crapo et al.	
		FILING DATE	GROUP
		May 9, 2001	2834

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	<i>RC</i>	4,700,098	10/13/1987	Kawashima	310/186	
2.		4,739,203	04/19/1988	Miyao et al.	310/67R	
3.		5,006,745	04/09/1991	Nishio et al.	310/177	
4.		5,034,642	07/23/1991	Hoemanin et al.	310/156	
5.		5,164,622	11/17/1992	Kordik	310/67R	
6.		5,250,867	10/05/1993	Gizaw	310/179	
7.		5,388,658	02/14/1995	Ando et al.	180/197	
8.		5,610,464	03/11/1997	Asano et al.	310/156	
9.		5,753,991	05/19/1998	Couture et al.	310/156	
10.		5,886,440	03/23/1999	Hasebe et al.	310/156	
11.		5,982,067	11/09/1999	Sebastian et al.	310/184	
12.		6,031,304	02/29/2000	Suzuki et al.	310/49R	
13.		6,034,459	03/07/2000	Matsunobu et al.	310/156	
14.		6,034,460	03/07/2000	Tajima et al.	310/179	
15.		6,040,647	03/21/2000	Brown et al.	310/89	
16.	<i>V</i>	6,140,728	10/31/2000	Tomita et al.	310/156	
17.	<i>RC</i>	6,262,507	07/17/2001	Sato et al.	310/152	

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	Translation No
1.		JP61199446	03-09-86	Japan		X	

Examiner:

Date Considered: 2-2-03

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.